

MINE SITE VISIT REPORT
New Mexico AML Program

Date of Visit : August 30, 2007 **Weather :** Sunny 85°
Mine/Project Name: Barbara J # 3 Mine – Northwest of Grants, New Mexico
Duration of Visit : 1.25 hour (12:45 pm to 2:00 pm)
Purpose of Visit : Maintenance inspection to the Barbara J # 3 mine, main shaft, part of the legacy site assessment for AML project sites.
Observations : Travel to the project site; access to this site was from the west using a two track road. Location: NE1/4, NW1/4, NE/4 of Section 30 T.13N., R.9W., Dos Lomas Quad. UTM Zone 13, E243110 N3913420; Uranium Mine. This site is on BLM land.

Signs of human activity were not recent. Vegetation is similar to undisturbed areas except waste piles that have less vegetation. Land use appears to be limited grazing for cattle but not recently. Previous reclamation is not obvious. Total site area is approximately 5 acres. The nearest residence appears to be over 1-mile away in the southeast direction.

Background radiometric levels of 29 $\mu\text{R/hr}$ at 1-meter and 14 $\mu\text{R/hr}$ on the concrete foundation surface, were read utilizing a Ludlum Model-14C survey meter with a NaI Model 44-2 Gamma Scintillator probe and were taken on two concrete foundations. The overall waste and ground within the middle portion of the disturbance area have radiometric levels of 100-357 $\mu\text{R/hr}$ at 1-meter and 157-400 $\mu\text{R/hr}$ at ground level. The large waste pile to the southeast of the shaft had radiometric levels of 86-429 $\mu\text{R/hr}$ at 1-meter and 114-1286 $\mu\text{R/hr}$ at ground level. The highest readings were at what appeared to be a loadout area and had radiometric levels of 929-1029 $\mu\text{R/hr}$ at 1-meter and 2000-2857 $\mu\text{R/hr}$ at ground level.

This site has areas of mounded waste, concrete foundations, wood and metal mining debris and assorted trash. There is a drainage through the north site edge heading west and becomes the access road. For complete details see topographic GPS info using the MapGuide map found at http://164.64.103.6/mmdtest/AML_Uranium-DEV.htm

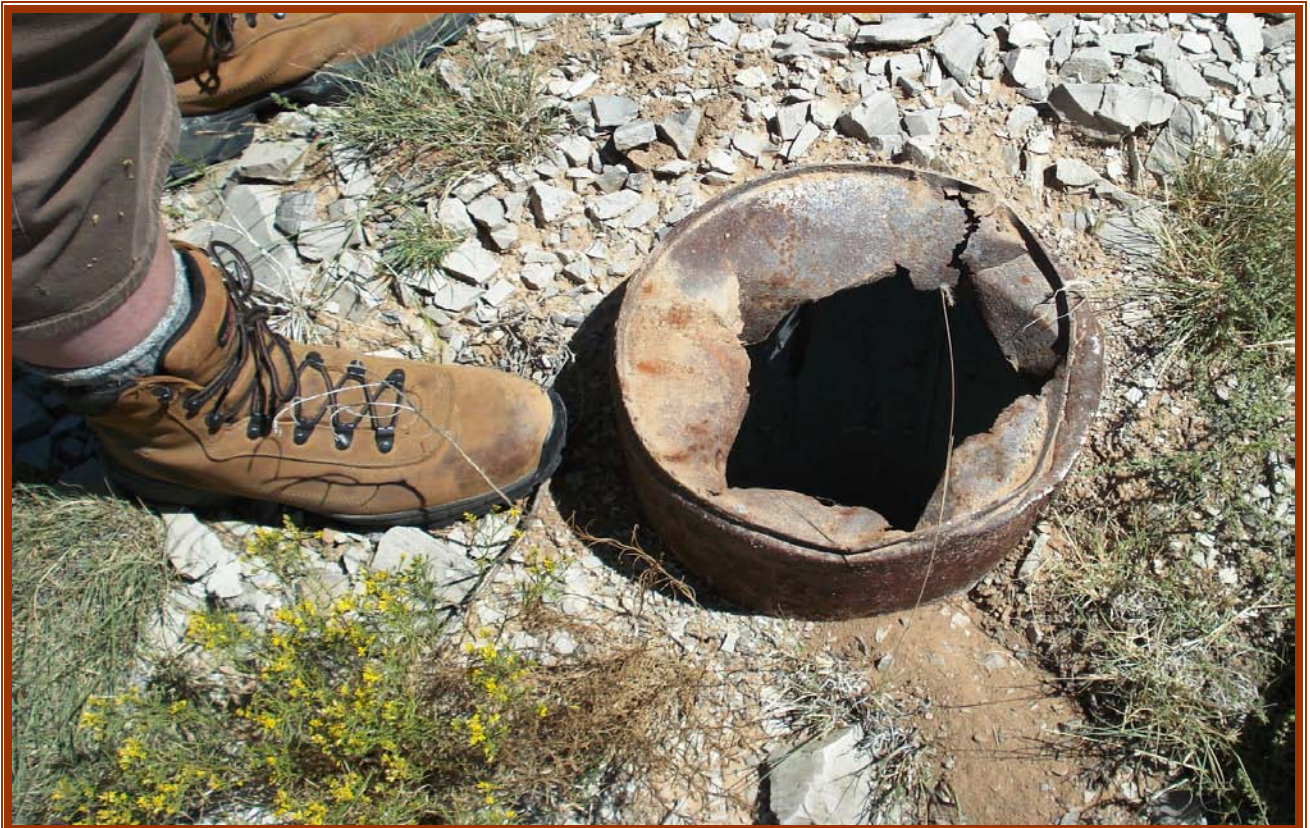
Further action recommended to mitigate radiometric levels. Several drill holes and a vent shaft need to be closed.

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MSV Written:	September 24, 2007 – for files.	CC:	John Kretzmann, Karen Garcia and files.

Photos:



Concrete Foundations Looking South



Metal Lined Vent Shaft With Rock Cover Removed Looking Down



Top of Large Waste Pile Looking East



Bottom of Large Waste Pile Looking North